





# Zainab Asif Software Engineer

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## PROFESSIONAL EXPERIENCE

### Software Engineer, Dubizzle labs

04/2024 – present | Lahore

- Develop and maintain CRM applications serving 12 high-traffic MENA region portals, including Bayut, Dubizzle, Zameen, and multiple OLX websites.
- Execute bug fixes on 10 live environments, refactored technical debt, and ensured code scalability and cleanliness across applications.
- Successfully revamped 2 critical components: created scalable main client forms and optimized contract detail page both used across 12 tenants.
- Collaborate with UI, back-end and product teams to enhance UX, integrate APIs, respond to UI feedback and incorporate new features.
- Implemented new features including KPI Report, Bar Charts, Mapbox integration, and more.
- Utilize JIRA for sprint planning and GitHub with structured branching for version control.
- Proficient with React and ecosystem tools: Redux, Persist, Formik, Yup, AntD, MUI, Axios.

### Associate Software Engineer, I2c inc

10/2023 – 04/2024

- Delivered technical support for a global payment processing system, analyzed live data and to efficiently troubleshoot client issues to ensure smooth transaction processing for 15 different clients.
- Developed and optimized SQL queries to retrieve and analyze data thus enabling precise issue diagnosis and quicker client support in real-time.
- Led end-to-end onboarding for new clients by configuring database environments, ensuring seamless feature deployment and reliable payment operations.
- Collaborated closely with back-end teams (Java) to debug and resolve complex issues, leveraging log file analysis to identify and address root causes.
- Utilized JIRA and OTRS for effective project management, prioritizing client requests and facilitating organized, timely resolution of queries.

## PROJECTS

### Freelance Web Development Project, 12th Analytics (Startup at NSTP NUST)

- Developed a professional website for the startup with a React-based front-end and Firebase for back-end integration.

### Final Year Project, Crop Yield Estimation by Aerial Imagery (AARHTI)

- Built a marketplace platform connecting farmers to potential yield buyers, featuring crop yield estimation using Object Detection algorithms.
- Developed the front-end in React, back-end REST API with Node.js and Express, and utilized MongoDB for database management.
- Integrated advanced Object Detection capabilities via a Flask API to analyze aerial crop imagery.

## SKILLS

**Programming & Scripting:** JavaScript, Python

**Front-End Development:** React.js, JavaScript, Redux, Axios, AntD, MaterialUI

**Back-End Development:** NodeJs, ExpressJs, Flask

**Database Management:** SQL, MongoDB

**Tools & Platforms:** JIRA, GitHub, Linux, Microsoft Office

**Problem-Solving:** Strong analytical and debugging skills for resolving complex issues

**Communication, Teamwork & Collaboration:** Strong communicator with excellent spoken English, skilled in client handling and cross-functional teamwork, ensuring effective solutions and project success.

## EDUCATION

**BS Computer Science, National University of Sciences and Technology**

09/2019 – 06/2023